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SR. SEC. SCHOOL

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Assignment - 6 Class - IX

Subject - Science (Biology)

Chapter - 6 (Tissues)

Q7. What is the specific function of cardiac muscles?

ANSWER

The uninucleated, striated, tubular and branched muscles that form the wall of heart are known as cardiac muscles. They serve to bring about rhythmic contraction and relaxation of heart to allow pumping of blood throughout the life. Since, these muscles contract without any nerve stimulation/control, they are involuntary in nature.

Q8. Differentiate between striated, unstriated and cardiac muscles on the basis of their structure and location in the body.

Ans:

Striated muscle	Unstriated muscle	Cardiac muscle
They are cylindrical in shape and multinucleate.	They are spindle shaped and uninucleate.	They are cylindrical branched and uninucleate.
They are present in body parts such as hands and legs.	They are present in the wall of food canal, stomach, mouth, iris etc.	They are present in the heart.

Q9. Draw a labeled diagram of a neuron.

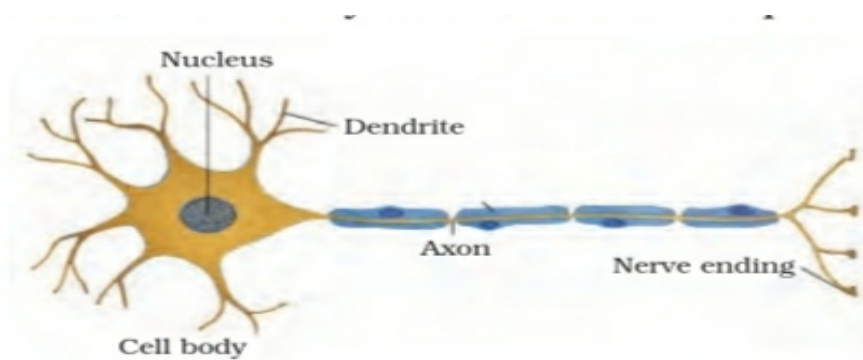


Fig. 6.12: Neuron-unit of nervous tissue

